

continent to another, intentionally or accidentally, with plants, seeds, ballast, etc. A rather large number of species have come over from Europe to this country, and there is no doubt that the process will go on.

SHELLS FROM THE BAY OF CADIZ REGION.

BY MAXWELL SMITH.

(Concluded from p. 83.)

Cassis saburon Brug. *Cassis undulata* Gmel.

Morio echinophora L.

Dolium sp. Said by the fisherman to live in vast numbers in the bay.

Amphiperas spelta L. Three in drift.

Cypraea achatidea Gray. One from a fisherman. Said to have been taken here. The species I have represented in my collection from Sicily and Oran on the Algerian coast.

Cypraea pyrum. Mrs. Whishaw, several.

Trivia europea Mont. A few examples.

Erato laevis Donov. A few fine and many dead in drift. Probably lives nearby in deep water.

Chenopus pespelicani L. Mrs. Whishaw. Small form.

Triforis perversus L. Mostly young shells.

Cerithium rupestris Risso.

Cerithium vulgatum Brug. Probably living.

Bittium reticulatum Costa. The most plentiful species taken.

Vermetus subcancellatus Biv. One, worn.

Turitella communis Risso. Several.

Littorina clathratus Phil. *Littorina neritoides* Phil.

Littorina punctata Gmel.

Rissoa cimex L. Some with deep brown bands.

Rissoa lactea Mich. Pure white, a beautiful species.

Rissoa ventricosa Desh. The most abundant *Rissoa*.

Truncatella truncatula Müll. In drift.

Paludestrina acuta Drap. Common in drift. Undoubtedly also lives near.

Calyptrea sinensis L. Mrs. W.

Natica glaucina L. Appears to be this.

Natica hebraea Martyn. A well-known species.

Natica intracatoides Hid. Several.

Sigaretus philippii Weinkauff. Mrs. Whishaw has found two or three in as many years.

Adeorbis subcarinata Mtg. Fine specimens in drift.

Scala commutata Mont. *Scala lamellosa* ? Lam. A few.

Scala pulchella Biv. One in drift.

Leiostraca sp. May prove new.

Phasianella pulex L. Seldom fresh.

Astraliu rugosum L. A large heavy shell.

Trochus lineatus Da Costa. Mrs. Whishaw. *Trochus obliquata* Gmel.

Calliostoma zizyphinum L. Mostly worn specimens.

Haliotis tuberculata L. Mrs. Whishaw. *Fissurella nubecula* L. A few.

Patella aspera Lam. Mrs. Whishaw. *Patella vulgata* L. Plentiful.

POLYPLACOPHORA.

Chiton marginatus Pennant. Living under stones resting on mud.

SCAPHOPODA.

Dentalium dentalis L. Examples vary. Some smooth.

PELECYPODA.

Ostrea angulata ? Lk. May be this.

Anomia ephippium L. Innumerable valves are constantly washed on the beach.

Lima squamosa Lam. Mrs. Whishaw. A large valve.

Pecten jacobaeus L. Mrs. Whishaw.

Pecten sulcatus Born. Around Port Saint Mary.

Pecten varius L. Lives in Atlantic as well as Mediterranean.

Avicula tarentina Lam. Not rare.

Mytilus edulis L. Sold in fish markets.

Modiola barbata Lk. *Arca barbata* L. Mrs. Whishaw.

Pectunculus gaditanus Gmel. Many valves.

Cardita sulcata Lam. Mrs. Whishaw.

Cardium edule L. Plentiful.

Cardium edule lamarcki Reeve. Several.

